



Flexible Metal Tubing

TYPE - PF



Contact your local Sales Representative
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Trade Size	Type	Actual Inside Diameter	Wt. (Lbs.)/ 100 Ft.	Min. Radii For Flexing Use NEC360.24(a)	Min. Radii For Fixed Bends NEC 360.24(b)	Lengths Available	Pieces Per Carton
3/8"	PF-10	1/2"	12	10"	3-1/2"	3', 4', 5', 6'	CONSULT
1/2"	PF-11	5/8"	13	12-1/2"	4"	3', 4', 5', 6'	FACTORY

Note: This item must use the [TYPE PFC](#) connector.

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Plen-Flex® is a smoketight, liquidtight Flexible Metal Tubing and is listed for use in plenums and other air handling spaces. Often referred to as FMT.

CONSTRUCTION:

Plen-Flex® is constructed from a steel strip which contains an extra coating of zinc galvanizing for added protection against corrosion. This strip is formed into a corrugated profile and is tightly interlocked to form a smoketight, airtight, and liquidtight pliable tube which weighs about 40% less than FMC (Greenfield).

APPLICATION:

This tubing is used to wire drop-in lighting fixtures and other equipment found in plenum ceilings and other air handling areas. Because it is smoke-tight when installed with sealing fittings and gasketed junction boxes, it would prevent smoke and other products of combustion from escaping out off the raceway and into air handling areas in the event of an electrical fire.

There is also no plastic jacketing material which might give off toxic gases or burn. The fact that the system is liquidtight means that it will not allow the entrance of moisture from sprinkler systems into its interior. It is intended to be installed in accordance with Article 360 of the NEC® (ANSI/NFPA-70).

-Listed for containment of 1000 volts and lower potential circuits.

-For use in dry locations.

-In accessible locations when protected from physical damage or concealed, such as above suspended ceilings. See Article 300.22(c)

-In branch circuits.

-Listed for grounding per Article 250.118(8)

-Limited to six foot lengths. Article 360.12(6)

Listed - File #E80694

Approved for use by the city of Chicago.

Tests Include:

[WEEE and RoHS Compliant](#)

Flexibility: [See the Flexibility Comparison Guide](#)

Metal Used: Steel

High Mech. Strength	Listed For Direct Burial	Halogen Free	Low Fire Hazard	Accepts Standard Liquidtight Fittings	Self Extinguish	EMI/RFI Shielding	Oil Resistance	Acid Resistance

® Electri-Flex Company 1-800-323-6174